

Date: Wed, 20 Oct 93 04:30:12 PDT
From: Ham-Ant Mailing List and Newsgroup <ham-ant@ucsd.edu>
Errors-To: Ham-Ant-Errors@UCSD.Edu
Reply-To: Ham-Ant@UCSD.Edu
Precedence: Bulk
Subject: Ham-Ant Digest V93 #84
To: Ham-Ant

Ham-Ant Digest Wed, 20 Oct 93 Volume 93 : Issue 84

Today's Topics:

dfdk dfkd fkdf kd dfkdf kdf dk fkd fk dfkdfkdf dk fd fkdf dkd fdfkdf dfkds
 directors and reflectors on quarterwaves?
 DL9KR 2 m band antenna, Help me please
 End Fed Antenna Question (3 msgs)
 NEC

Send Replies or notes for publication to: <Ham-Ant@UCSD.Edu>
Send subscription requests to: <Ham-Ant-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Ant Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-ant".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 19 Oct 93 21:52:43 GMT
From: butch!LMSC5.IS.LMSC.LOCKHEED.COM!6177630@uunet.uu.net
Subject: dfdk dfkd fkdf kd dfkdf kdf dk fkd fk dfkdfkdf dk fd fkdf dkd fdfkdf
dfkds
To: ham-ant@ucsd.edu

Hello, I have the GAP IV for 160-20 meters, except 30M. It works outstanding on
160 (200kc wide between 2 to 1 SWR points) and is a real fantastic DX antenna
for 80 meters. I strongly recommend it.
73 de Greg, N6GK

----- Original Article -----
Xref: butch rec.radio.amateur.antenna:182 rec.radio.amateur.equipment:178
Newsgroups: rec.radio.amateur.antenna,rec.radio.amateur.equipment

Path: butch!netcomsv!netcom.com!greg
From: greg@netcom.com (Greg Bullough)
Subject: GAP verticals
Message-ID: <gregCF3G60.2q2@netcom.com>
Followup-To: rec.radio.amateur.antenna
Organization: NETCOM On-line Communication Services (408 241-9760 guest)
Date: Mon, 18 Oct 1993 13:01:11 GMT
Lines: 17

In my ongoing quest for the best multiband verticals...

What are peoples' experiences with products by GAP? They seem to be employing the same principles as Cushcraft does in the R5 and R7, but at a much lower price.

Along the same lines; given the ability to put down radials, which would folks choose--- ---a 'half-wave' vertical of the center-fed variety, such as the R7, or a quarter wave trap vertical of about the same dimensions?

DeMaw claims the trap vertical is very bad at a quarter wave because of its being on the ground on virtually every band. The 1/2 wave gets around this problem by elevating the feed point, and hence the radiator somewhat.

Greg (WA6DCL/2)

Date: Tue, 19 Oct 1993 15:32:13 GMT
From: library.ucla.edu!agate!usenet.ins.cwru.edu!news.ecn.bgu.edu!
willis1.cis.uab.edu!right.dom.uab.edu!user@network.ucsd.edu
Subject: directors and reflectors on quarterwaves?
To: ham-ant@ucsd.edu

Anyone have a recommendation for the positioning of director and reflector elements that I might hang alongside a quarterwave vertical antenna? I figure the lengths of the elements should be as for a yagi. Should the elements be centered at the center of the vertical or at the base of the quarter wave. I am trying to get the major lobe perpendicular to the antenna.

Thanks,
Steve

Date: 19 Oct 93 04:05:33 GMT

From: ogicse!uwm.edu!vixen.cso.uiuc.edu!howland.reston.ans.net!usc!cs.utexas.edu!
not-for-mail@network.ucsd.edu
Subject: DL9KR 2 m band antenna, Help me please
To: ham-ant@ucsd.edu

Hello ALL

I'am looking for description of DL9KR (or DJ9BV) 2 m band antenna.
(I believe it must be an antenna with 9-12el, I can't to use
antenna with boom more than 4 m on my roof)
If you can to help, please let me know. Victor - UV3DIN.

73 ! victor@ibpm.serpukhov.su

Date: 19 Oct 1993 04:29:36 GMT
From: agate!spool.mu.edu!news.clark.edu!netnews.nwnet.net!news.u.washington.edu!
hardy.u.washington.edu!slovell@ames.arpa
Subject: End Fed Antenna Question
To: ham-ant@ucsd.edu

In article <gtaylor.245.750950491@taex003n.tamu.edu>,
Gregory S. Taylor <gtaylor@taex003n.tamu.edu> wrote:
>Trying out the variation of a sleeve dipole where the sleeve is eliminated,
>allowing current to flow on outside of coax for 1/4 wavelength where there
>is coil and/or choke.
>My question is whether anyone knows if this is a viable design and its just
>my implementation thats faulty (i.e. are radio shack cores not good enough),
>or is there something about putting this together that I'm missing.
>
>Greg
>Greg Taylor, KD4HZ // g-taylor4@tamu.edu // 409-845-4445 // Fax-847-8744
>

There's a very good article on just this subject in the August, 1991 QST on
p. 24. "RFD-1 and RFD-2: Resonant Feed-Line Dipoles". It's even written
by a guy named Taylor :)

Good luck,
Sherm Lovell, WY7F

Date: 19 Oct 93 12:48:13 GMT
From: ogicse!emory!wa4mei!ke4zv!gary@network.ucsd.edu
Subject: End Fed Antenna Question
To: ham-ant@ucsd.edu

In article <gtaylor.245.750950491@taex003n.tamu.edu> gtaylor@taex003n.tamu.edu (Gregory S. Taylor) writes:

>My question is whether anyone knows if this is a viable design and its just
>my implementation thats faulty (i.e. are radio shack cores not good enough),
>or is there something about putting this together that I'm missing.

You didn't mention the frequency that the antenna is designed for, but I suspect the choke is inadequate. Try about a dozen of the big Amidon beads on the coax.

Gary

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| | | |
|-----------------------------|------------------------|--------------------------|
| Gary Coffman KE4ZV | "If 10% is good enough | gatech!wa4mei!ke4zv!gary |
| Destructive Testing Systems | for Jesus, it's good | uunet!rsiatl!ke4zv!gary |
| 534 Shannon Way | enough for Uncle Sam." | emory!kd4nc!ke4zv!gary |
| Lawrenceville, GA 30244 | -Ray Stevens | |

Date: Tue, 19 Oct 1993 18:21:06 GMT

From: sdd.hp.com!vixen.cso.uiuc.edu!howland.reston.ans.net!europa.eng.gtefsd.com!
library.ucla.edu!agate!spool.mu.edu!sgiblab!news.kpc.com!amd!netcomsv!netcom.com!
greg@network.ucsd.edu

Subject: End Fed Antenna Question

To: ham-ant@ucsd.edu

Something which has always puzzled me is why antenna mavens who admonish us to try and keep end-fed antennas an odd multiple of a quarter-wavelength and to avoid at all costs anything like an even multiple never suggest trapped end-fed wires.

It's pretty difficult to find an appropriate 'random' length that will work on ALL the HF bands, but I'd bet that with some cut-and-try on the computer one could work out an arrangement of traps that would keep the rf in the shack to a minimum.

Greg

Date: 20 Oct 93 00:00:00 GMT

From: ogicse!uwm.edu!vixen.cso.uiuc.edu!howland.reston.ans.net!pipex!bbc!
usenet@network.ucsd.edu

Subject: NEC

To: ham-ant@ucsd.edu

I am looking for other NEC users to trade ideas with. If your a NEC user

then maybe we can get together via E-mail. Please let me know if you have written new user interfaces or post processors, and what version of NEC you use. I use NEC for modeling Band II and Band III antennas, sometimes the odd MF antenna as well.

John B

End of Ham-Ant Digest V93 #84
